

# PESTICIDE CALIBRATION VERIFICATION SUMMARY

Contract: CHEM02

Lab Code: CHEM Case No.: P1187 SAS No.: P1187 SDG NO.: P1187

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 01/24/2024 01/24/2024

Client Sample No. (PEM): PEM - PD080853.D Date Analyzed: 01/24/2024

Lab Sample No.(PEM): PEM Time Analyzed: 20:52

| PEM COMPOUND         | RT    | RT WINDOW |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D   |
|----------------------|-------|-----------|-------|--------------------|-------------------|------|
|                      |       | FROM      | TO    |                    |                   |      |
| Decachlorobiphenyl   | 9.109 | 9.010     | 9.210 | 21.880             | 20.000            | 9.4  |
| Tetrachloro-m-xylene | 3.565 | 3.510     | 3.620 | 21.370             | 20.000            | 6.9  |
| alpha-BHC            | 4.022 | 3.970     | 4.070 | 10.190             | 10.000            | 1.9  |
| beta-BHC             | 4.550 | 4.500     | 4.600 | 11.410             | 10.000            | 14.1 |
| gamma-BHC (Lindane)  | 4.355 | 4.300     | 4.410 | 10.300             | 10.000            | 3.0  |
| Endrin               | 6.610 | 6.540     | 6.680 | 47.240             | 50.000            | -5.5 |
| 4,4'-DDT             | 7.057 | 6.990     | 7.130 | 102.910            | 100.000           | 2.9  |
| Methoxychlor         | 7.530 | 7.460     | 7.600 | 237.540            | 250.000           | -5.0 |

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 01/24/2024 01/24/2024

Client Sample No. (PEM): PEM - PD080853.D Date Analyzed: 01/24/2024

Lab Sample No.(PEM): PEM Time Analyzed: 20:52

| PEM COMPOUND         | RT    | RT WINDOW |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D   |
|----------------------|-------|-----------|-------|--------------------|-------------------|------|
|                      |       | FROM      | TO    |                    |                   |      |
| Decachlorobiphenyl   | 7.933 | 7.830     | 8.030 | 22.320             | 20.000            | 11.6 |
| Tetrachloro-m-xylene | 2.795 | 2.740     | 2.850 | 20.890             | 20.000            | 4.5  |
| alpha-BHC            | 3.297 | 3.250     | 3.350 | 10.260             | 10.000            | 2.6  |
| beta-BHC             | 3.922 | 3.870     | 3.970 | 11.370             | 10.000            | 13.7 |
| gamma-BHC (Lindane)  | 3.627 | 3.580     | 3.680 | 9.840              | 10.000            | -1.6 |
| Endrin               | 5.658 | 5.590     | 5.730 | 48.500             | 50.000            | -3.0 |
| 4,4'-DDT             | 6.056 | 5.990     | 6.130 | 108.170            | 100.000           | 8.2  |
| Methoxychlor         | 6.631 | 6.560     | 6.700 | 236.310            | 250.000           | -5.5 |